This report is required by law (7 USC 2143). Failure to report according to the regulations can

NOV 14 2002 See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 50-R-0001
CUSTOMER NUMBER: 41

FORM APPROVED
OMB NO. 0579-0036

E. I. Dupont Denemours & Company, Inc.
Haskell Laboratory
Elkton Road
P.O. Box 50
Newark, DE 19714

Telephone: (302) -366-6318

2. REPORTING FACILITY (Haskell Laboratory, Building 1

Haskell Laboratory, Building 1 FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters		31	156	0	187
8. Rabbits		374	0	32	406
9. Non-human Primate					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0

ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print

DATE SIGNED 11/11/02

EG 11/21/02

50-R ccc!
NOV 14 2002

DuPont Haskell Laboratory
for Health and Environmental Sciences
Elkton Road, P.O. Box 50
Newark, DE 19714-0050

November 8, 2002

Elizabeth Goldentyer, DVM
USDA, APHIS, REAC
Eastern Regional Office
920 Main Campus Drive
Raleigh, NC 27606

Dear Dr. Goldentyer:

To address the issue of the category E animals in the USDA annual report of the DuPont Haskell Laboratory for Health and Environmental Sciences (50-R-0001), I am providing a list of five types of skin irritation studies and four types of eye irritation studies which were conducted in rabbits to meet the criteria of various regulatory agencies. All study protocols and SOP's were reviewed and approved by the Haskell Laboratory's Institutional Animal Care and Use Committee (IACUC).

Skin Irritation Studies

Twenty-one (21) rabbits that were used in one of the following tests experienced signs that were considered to fall into category E. These studies comply with or are based on (screening studies) test guidelines OPPTS 870.2500 (1998) and OECD 404 (1992).

1. Skin Irritation Study in Rabbits – The purpose of this study is to supply safety assessment information and to enable companies to file for pre-manufacturing notifications (PMNs).

2. Skin Irritation Study Under Potential Use Conditions – The purpose of this study is to supply safety assessment information and to enable companies to file for pre-manufacturing notifications (PMNs).

3. Acute Dermal Irritation/Corrosion Study – This study is conducted for the registration of agricultural products with the Organization for Economic Cooperation and Development (OECD) and European Economic Community (EEC). The Acute Dermal Irritation/Corrosion Test is also conducted to aid in determining a Workplace Hazardous Material Identification System (WHMIS) rating for Canada and a Hazardous Material Identification System (HMIS) rating for the United States.

4. Skin Absorption Approximate Lethal Dose Study – This study is performed for safety assessment and to determine a packaging class for the transportation of chemicals.

Eye Irritation Studies

Eleven (11) rabbits that were used in one of the following tests experienced signs that were considered to fall into category E. These studies comply with or are based on (*screening studies*) test guidelines OPPTS 870.2400 (1998) and OECD 405 (1987).

1. Eye Irritation Study – The purpose of this study is to supply safety assessment information and to enable companies to file for pre-manufacturing notifications (PMNs).
2. Primary Eye Irritation Study – This study is conducted for the registration of agricultural products with EPA FIFRA.
3. Acute Eye Irritation/Corrosion Study – This study is conducted for the registration of agricultural products with the Organization for Economic Cooperation and Development (OECD) and European Economic Community (EEC).
4. Eye Irritation Screen – The purpose of this study is to supply safety assessment information for Discovery compounds.

Testing for registration of crop protection chemicals is required under CFR 40 Part 158. Other testing is done for product stewardship purposes, for the reasons cited above.

The IACUC approved the conduct of these studies without the use of anesthetics, analgesics or tranquilizing drugs because the use of such drugs could adversely influence the experimental compound's effect on the animal or alter the animal's reaction to the experimental compound, resulting in invalid interpretation of the clinical signs by the scientists. Test guidelines (OPPTS) for these study types do not allow for the use of anesthetics, analgesics, or tranquilizing drugs, other than allowing use of local anesthetics in eye irritation studies where extreme pain is expected. Most tested substances are novel materials for which there is little or no information available upon which to predict the response. Test substances are not tested if it is expected they will produce corrosion or severe irritation (e.g., based on pH). They are tested in step-wise fashion (one rabbit first, then two more if the first does not display severe response) if the test substance may be expected to produce a severe response, based on data from similar materials.

DuPont actively supports research programs to develop scientifically acceptable refinements and alternatives to animal testing. We do use a commercially available in vitro system (Corrositex®) as a screen. We have also developed and validated the mouse local lymph node assay, which is used as a replacement for guinea pig dermal sensitization screening, where permitted by regulatory agencies. This assay is a

refinement of the sensitization testing which involves much shorter exposures than the guinea pig assays. In those cases where the in vitro system provides sufficient information, no additional studies with animals are performed. At present, there are no validated alternatives that would completely replace animal tests which are required by national and international laws and regulations.

Also, please note that there were no exemptions or exceptions to any USDA regulations and standards to report for this year.

Sincerely,

(b)(6), (b)(7)c

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. REGISTRATION NO. 50-R-0004 **CUSTOMER NO.** 42

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY *(Name and Address, as registered with USDA, include Zip Code)*

ZENECA, INC.
P.O. BOX 15437
(1800 CONCORD PIKE)
WILMINGTON, DE 19850

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS *(sites)*

ZENECA BIOMEDICAL RESEARCH
WILMINGTON, DE 19897-2300

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY *(Attach additional sheets if necessary or use APHIS FORM 7023A)*

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. *(An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)*	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		21	4		25
5. Cats					
6. Guinea Pigs		545	569	8	1122
7. Hamsters					
8. Rabbits					
9. Non-Human Primates			13		13
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbil			72		72
Ferret			148	86	234

ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all the exceptions is attached to this annual report.** In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL *(Type or Print)*	DATE SIGNED
		11/07/2002

APHIS FORM 7023 (AUG 91) **(Replaces VS FORM 18-23 (Oct 88), which is obsolete**

PART 1 - HEADQUARTERS

EG 11/21/02

APHIS Form 7023 Column E Explanation

This form is intended as an aid to completing the APHIS Form 7023 Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

---

1. Registration Number: 50-R-0004

2/3. Species (common name) & Number of animals used in this study:

Guinea Pigs (8)

4. Explain the procedure producing pain and/or distress.

Guinea pig pups are separated from their mother and isolated from their home cage for a period not exceeding 15 minutes. The duration of their vocalization is recorded. Animals that vocalize for at least 1/3 of the prescreening test session will be used for drug challenge studies.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

This project is designed to assess compounds in an animal model of human affective disorder. This animal model is based on separation-induced distress; therefore, alleviation of distress would make this behavioral assay invalid.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency: N/A CFR:

APHIS Form 7023 Column E Explanation

This form is intended as an aid to completing the APHIS Form 7023 Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

---

1. Registration Number: 50-R-0004

2/3. Species (common name) & Number of animals used in this study:

Ferret (86)

4. Explain the procedure producing pain and/or distress.

Ferrets are housed individually and provided free access to food and water. After acclimation they are administered test compounds which may or may not produce an emetic response. Animals are monitored by videotape for no longer than 72 hours post dosing.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Animals are given an agent that may cause vomiting and/or retching. The objective of these studies is to determine what effect experimental compounds have on the emetic response or threshold. In order to evaluate this effect, we cannot alleviate these distresses (retching, vomiting) with drugs that would confound the measurements.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency: N/A CFR:

This report required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

10/1/01 - 12/31/01

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Experimental Station
Wilmington, DE

1. REGISTRATION NO. 50-R-0010
Customer number: 54

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY *(Name and Address, as registered with USDA include Zip Code)*

Bristol-Myers Squibb Company
PO Box 4000
Princeton, NJ 08543

Telephone: 609-252-4000

DEC 04 2002

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS *(Sites)*

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY *(Attach additional sheets if necessary or use APHIS FORM 7023A.)*

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. *(An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).*	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	102	110	136	2	350
5. Cats	0	0	0	0	0
6. Guinea Pigs	14	0	0	0	14
7. Hamsters	1	50	505	0	556
8. Rabbits	150	0	450	0	600
9. Non-human Primates	5	23	0	0	28
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					

ASSURANCE STATEMENTS

1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2). Each principal investigator has considered alternatives to painful procedures.

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

...ove is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O.	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL *(Type or Print)*	DATE SIGNED
		11/25/2

APHIS FORM 7021
(AUG 91)

...which is obsolete.)

F-1/3

PART 1 - HEADQUARTERS

DEC 04 2002

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of the explanation. A column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: **50-R-0010**
   Customer ID: **54**
   Site Number: **Experimental Station**

2. Number of animals (total) used in this study: **16**
   Number of animals, in this study, classified as Category E: **2**

3. Species of animal used in this study: **Dog**

4. Explain the procedure producing pain and/or distress.

   Study Number: T01-9-15
   Length of Study: ~ 1 month (toxicity study)
   Compound Class: Cardiovascular (anticoagulant)

   Dog #356637 (3002M) Signs Onset: Day 22 (10/11/2001)
   A clinical condition developed with an unknown and unlikely relationship to the procedure. The AR veterinarian noted (10/11/01) that the animal was only weight bearing on the RF foot approximately 50% of the time and noted a papillomatous growth. Recommendation was to observe closely following consultation with the Study Director. On October 16, 2001, an AR veterinarian re-examined the dog and attempted to aspirate an area that was swollen and moderately fluctuant. Animal continued to be bright, alert, and responsive but by October 19, 2001, food consumption began to decrease. Decreased food consumption continued as well as a progressive body weight decrease. The decision was made to euthanize the animal on October 23, 2001. A necropsy was performed.

   Dog #3691098 (3508F) Signs Onset: Day 23 (10/12/2001)
   Animal was on a study investigating a mechanistic toxicology issue. It was considered unlikely that the clinical signs were compound related. On October 11, 2001, dog was noted to be "favoring" left front paw where two growths and an enlarged footpad were noted. An AR veterinarian assessed the animal on October 12, 2001 and in consultation with the Study Director determined that the animal could remain on study with daily dosing and clinical observation. An AR veterinarian checked the animal on October 16, 2001. Growths continued to enlarge slightly, but the animal continued to be bright, alert, and responsive, and food intake/bodyweight remained normal until October 19, 2001 when it began to decline. Based on a progression of decreased food intake and bodyweight, this animal was euthanized and necropsied on October 23, 2001.

F - 2/3

5. Provide scientific justification why pain and/or distress could not be relieved. State methods used to determine that pain and/or distress relief would interfere with test results. (for Federally mandated testing, see Item 6 below).

Dog #356637 (3002M) and Dog #3691098 (3508F)
Both animals were critical to study design in providing for sufficient sample size in effect being studied. Initial signs of this problem were not severe. The signs were not believed to be related to the compound under study. It was believed that only a certain percentage of the total number of animals would demonstrate the desired effect, thus they were maintained on study. Analgesics would have interfered with the ability to interpret results.

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency: NA CFR: NA

F - 3/3

This report is required by law (7 USC 2143). Failure to report according to the regulations can

NOV 27 2002

See attached form for additional information

Interagency Report Control No.: V

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 50-R-0006
CUSTOMER NUMBER: 45

FORM APPROVED
OMB NO. 0579-0036

University Of Delaware
Office Of Lab Animal Medicine
~~220 Wolf Hall~~ 056 McKinly Laboratory
Newark, DE 19716

Telephone: (302) ~~451-2652~~ 831-2980

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which expenments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0				0
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	0				0
8. Rabbits	0	6			6
9. Non-human Primate	0				0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	0				0
13. Other Animals					
White Tailed Deer		5			5
Eastern Box Turtle		90			90
Red Eared Slider Turtle			3		3

ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGI ICIAL DATE SIGNED 11/26/02

APHI 8-23 (OCT 88), which is obsolete.

(AUG 91)

NOV 27 2002

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DCA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.
50-R-0006

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY *(Name and Address, as registered with USDA, include Zip Code)*

University of Delaware
Office of Lab Animal Medicine
056 McKinly Laboratory
Newark, DE 19716

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY *(Attach additional sheets if necessary or use this form.)*

A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other *(List by species)*	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. *(An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).*	F TOTAL NO. OF ANIMALS (Cols. C + D + E)
13. Other Animals					
Gray Squirrel		13			13

ASSURANCE STATEMENTS

1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2). Each principal investigator has considered alternatives to painful procedures.

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL *(Type or Print)*	DATE SIGNED
		11/26/02

APHIS FORM 7023A
(AUG 91)

PART 1 - HEADQUARTERS

University of Delaware
Office of Lab Animal Medicine
056 McKinly Lab
Newark, DE 19716

Certificate Number: 50-R-0006
Customer Number: 45

FACILITY LOCATIONS (Sites)

- 020 Wolf Hall
- 046 McKinly Lab
- 133-138 Wolf Hall

11/26/02

This report is required by law (7 USC 2143). Failure to report according to the regulations can DEC 02 2002 See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 50-R-0009
CUSTOMER NUMBER: 47

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Nemours Foundation, The
Alfred I. Dupont Hospital For Children
1600 Rockland Rd
Wilmington, DE 19899

Telephone: (302) -651-6860

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0	0	39	0	39
9. Non-human Primate					
10. Sheep					
11. Pigs	0	0	31	0	31
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

S

DATE SIGNED 11/20/02

Af te.

This report is required by law (7 USC 2143). Failure to report according to the regulations can

OCT 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 50-R-0011

CUSTOMER NUMBER: 719

FORM APPROVED
OMB NO. 0579-0036

Analytical Biological Services Inc.
Cornell Business Park 701-4
Wilmington, DE 19801

Telephone: (302) -654-4492

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0				0
5. Cats	0				0
6. Guinea Pigs	100				0
7. Hamsters	0				0
8. Rabbits	0				0
9. Non-human Primate	0				0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	0				0
13. Other Animals	50				0
Gerbils					

ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

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(Chief Executive Officer or Legally Responsible Institutional Official)

S	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED
		10/24/02

APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.
(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 50-R-0013
CUSTOMER NUMBER: 9014

FORM APPROVED
OMB NO. 0579-0036

Strategic Diagnostics Inc.
128 Sandy Drive
Newark, DE 19713

NOV 21 2002

Telephone: (302) -456-6785

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing 52 Anderson Rd, Windham, ME

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	1	46	0	0	46
7. Hamsters	4	10	0	0	10
8. Rabbits	606	14,603	60	0	14,663
9. Non-human Primate					
10. Sheep	4	60	3	0	63
11. Pigs					
12. Other Farm Animals					
Goats	37	426	7	0	433
13. Other Animals					

ASSURANCE STATEMENTS

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(Chief Executive Officer or Legally Responsible Institutional Official)

SIC

DATE SIGNED
11-20-02

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